

## Modernizing the Warrior through Army Transformation:

Objective Force Warrior (OFW) is the Army's flagship Science and Technology initiative to develop and demonstrate revolutionary capabilities for the Objective Force Soldier. A human-centric, integrated system of systems approach is being employed to support the Army transformation into a soldier centric force. The OFW is a major pillar of the Objective Force Strategy, complementing the Future Combat System (FCS) and other Objective Force programs.

OFW seeks to create a lightweight overwhelmingly lethal, fully integrated combat system including head to toe individual protection, ad-hoc networking, soldier worn power sources, and enhanced human performance. The program is aimed at providing unsurpassed individual and small team lethality, survivability, communications and responsiveness — a formidable warrior in an invincible team. OFW will be fully integrated with FCS and other Objective Force platforms.

### LETHALITY:

**Vision:** OFW family of lightweight weapons with advanced fire control, optimized for urban combat, synchronized direct fire and indirect fire within and across OFW teams, and leveraging FCS fires.

### SURVIVABILITY:

**Vision:** Ultra-lightweight, low bulk, multi-functional, full spectrum protective combat ensemble. Ballistic protection, novel signature management, semi-permeable membrane for CB/wet protection, electrotexile power/data body LAN. On-board physiological/medical sensor suite with enhanced casualty care. Customized voice, tactile, visual and auditory human interface, with integrated laser eye protection.

### NETWORKING COMMUNICATIONS/COLLABORATIVE SITUATIONAL AWARENESS (NC/CSA):

**Vision:** Netted OFW small unit/teams with robust team communications, state-of-the-art distributed and fused (thermal and image intensification) sensors, organic tactical intelligence/collection assets, enhanced situational understanding, embedded training, on-the-move planning, and linkage to other Objective Force assets.

### MOBILITY, SUSTAINABILITY, AND HUMAN PERFORMANCE:

**Vision:** Unconstrained vertical and lateral movement at full up combat/assault capability during mission execution. Objective individual soldier load weight of 40 pounds by introduction of lighter weight, multifunctional materials throughout all facets of the combat ensemble and off-loading onto robotic Mules. Optimized cognitive and physical fightability.

### POWER:

**Vision:** 24 hours autonomous individual operation, high density, low weight/volume, self generating/re-generating, reliable, safe power source/system. 72 hours continuous team operations relying on the Mule for recharging/fuel replacement.

**"The OBJECTIVE FORCE WARRIOR will be a formidable warrior in an invincible team, EXPLOITING THE POWER OF THE FORCE by seeing first, understanding and acting first, finishing decisively, and surviving and enduring."**



A Partnership Effort Premised on Technology Development & Integration



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# OBJECTIVE FORCE WARRIOR

**Soldiers On Point  
For The Nation**



# ARMY TRANSFORMATION: A Soldier Centric Viewpoint

